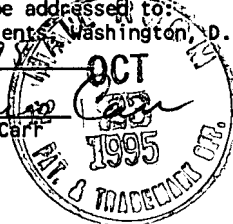


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By Anne Currier Carr
Anne Currier Carr



8/B
PATENT

Attorney Docket No. 16528X-82

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

MARKS S. CHEE et al.

Serial No.: 08/327,525

Filed: October 21, 1994

For: COMPUTER-AIDED
VISUALIZATION AND ANALYSIS
SYSTEM FOR SEQUENCE
EVALUATION

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) Examiner: Unassigned

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) Art Unit: 2613

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) PRELIMINARY AMENDMENT

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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Before examination of the above-identified application on its merits, please amend the application as follows:

IN THE CLAIMS:

Please cancel claims 2 and 21-44 without prejudice.
Please amend claims 1, 3-4, 6, 8-12 and 14 as follows.

B 1
1. (Amended) In a computer system, a method of identifying an unknown base in a sample nucleic acid sequence, said method comprising the steps of:
inputting a plurality of probe intensities, each of said probe intensities being associated with a nucleic acid probe on a chip;
said computer system comparing said plurality of probe intensities wherein each of said plurality of probe intensities is substantially proportional to said associated [a] probe hybridizing with at least one nucleic acid sequence, said at least one nucleic acid sequence including said sample sequence;
and